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PRESS RELEASE



Take the Summer Plunge Into Corrosion Control for Pool Automation Systems

With temperatures climbing for the summer, kids out of school, and vacation season at its peak in the Northern Hemisphere, now is a great time to take a plunge into the pool. It is also a good time for pool owners and service companies to think about easy steps to avoid corrosion inside pool control panels that keep both indoor and outdoor systems running.



Why Is Corrosion a Concern for Pool Control Panels?

The backyard pool and the indoor waterpark/spa would not function without critical pumps, heaters, chlorinators, and lights supporting the installations. These pool automation systems are often housed in electrical control panels near outdoor pools or in large switchboard rooms where commercial indoor pools are in play. With the proximity of damp air and chlorine and/or exposure to fluctuating outdoor

weather conditions, wiring, breakers, PCBs and other metal electrical contacts are at a greater risk of corrosion. Even indoor pool areas are at greater risk than most indoor environments due to the presence of high humidity and chlorine from water treatment chemicals. If electrical or electronic damage occurs, it may require a special visit from the repair professional before the affected pumps, lights, or chlorine dispensers will work.



How Easy Is It to Prevent Pool Control Panel Corrosion?

In contrast to the potential service interruption and repair costs, installing a VpCI[®] Emitter is extremely simple and cost-effective. Self-adhesive VpCI[®] Emitters are easy to stick inside a control panel with routine replacement every six months to one year, depending on environmental aggressiveness and compartment air-exchange. VpCI[®] Emitters release Vapor phase Corrosion Inhibitors that form a molecular protective layer on metal surfaces, inhibiting the corrosion reaction even in the presence of

moisture condensation and other corrosive elements. VpCI[®] Emitters are installed based on compartment volume:

- [VpCI[®]-101 Device](#): 1 ft³ (28 L)
- [VpCI[®]-105](#): 5 ft³ (0.14 m³)
- [VpCI[®]-111](#): 11 ft³ (0.31 m³)

A quick spray of [ElectriCorr[™] VpCI[®]-239](#) can also be helpful for cleaning electrical contacts or PCBs in general and adding a boost of protection within a vented control system.

Maximize Pool Control Service Life with Routine Corrosion Protection

Pools are a normal part of summer and corrosion is a normal part of the pool environment. Pool owners can minimize the corrosion repairs and maximize the service life of their controls by installing VpCI[®] Emitters on a routine basis and applying ElectriCorr[™] VpCI[®]-239 where needed. Contact Cortec[®] for additional solutions to pool area corrosion problems: <https://www.cortecvci.com/contact-us/>



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